

"SOMETHING FROM NOTHING" REVISITED

by Jerry W. Decker, KeelyNet, 2001

Most mainstreamers have the erroneous conception that alternative science fans, experimenters and researchers are looking to "create something from nothing" in order to provide power necessary to run their perpetual motion machines or free energy devices.

The majority of people I know and communicate with are seeking one thing: a working free energy or gravity control device—something we all can see, test, build (or buy) and use to make all of our lives easier.

"Heavier-than-air flying machines are impossible."

— Lord Kelvin
President, Royal Society, 1895

It gets ever more tedious having to explain and correct people who write or call in, calling me and others who think along similar lines "flakes", "fools", "idiots" or other choice insults. They haven't bothered to study the very subjects they are ranting against. They haven't bothered to ask questions, follow any discussions or read any documents relating to the subject. Yet they have no problem writing rude or insulting letters, full of *ad hominem* attacks, believing themselves to be the possessor of all that is right and true. Where does the error lie?

I've often thought of writing up a web page, explaining it in terms and analogies the "critics" can understand, so that is what this page is attempting to do.

This paper is intended to address four key points which I consider as the basis for all energy production:

- 1) the concept of aether/ZPE;
- 2) creation of energy from nothing;
- 3) thermodynamics;
- 4) conversion.

The "Lost Aether" (now called Zero Point Energy or ZPE)

Purists prefer the term "aether", but I think the term should be used interchangeably with the newer "ZPE", also called "the spacetime metric" or "vacuum energy". It is spelled with an "a" to avoid confusion with the chemical ether.

(Much like the popular "Brown's gas", which was essentially stolen from Dr Rhodes who patented it in 1966 and has continued with additional research, I think the cleanest, most rational thing to do at this late stage is to call it "hydroxy gas", as used during World War II and earlier.)

Because of such confusions, I choose to use the term "aether" in combination to form "aether/ZPE", and so include the old and the new.

"I think there is a world market for maybe five computers."

— Thomas Watson
Chairman, IBM, 1943

In a nutshell, aether/ZPE is the energetic "quantum foam" of space. It permeates and sustains the universe. It pops in and out of existence in a ceaseless "jitter", and in its wake produces the effect of gravity, other energies and the localisations (precipitations of energy) that produce matter. Just as $E = mc^2$, where matter can be exploded to produce immense forces, so too can energy be coalesced and precipitated to produce matter.

It has been detected by Casimir as an immense pressure by the forces exerted on

two dielectric plates, and erroneously described as an "attraction"—as extracted from my Rectifying Chaos file:

"The Casimir force is a short-range attraction between any two objects, caused by...electromagnetic fluctuations in the vacuum. ...any two plates, whether conductor or dielectrics, would experience a fourth power force law...also proportional to the dielectric constant of the plates.

"There is no reason for any individual to have a computer in their home."

— Ken Olsen
President, Chairman & Founder
Digital Equipment Corp., 1977

"The equations are only valid down to a separation distance proportional to the minimum wavelength at which the plates are still a good conductor, or the dielectric constant is not unity. For distances closer than that...attractive force will...increase...at a rate proportional to the third power of the separation distance...

"The closest separation distance... [that has been attained is 14 angstroms] (about five atoms) with two crossed cylinders of mica...

"...the measured force between the two mica cylinders was over ten tons per square metre!"

"The [flying] machine will eventually be fast; they will be used in sport, but they are not to be thought of as commercial carriers."

— Octave Chanute
aviation pioneer, 1904

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I won't belabour the explanation of aether/ZPE with all the information available on the Net, but I do want to make one other point. Nature seeks equilibrium. When equilibrium is disturbed, it produces polarisation, a separation into two distinct forces: a positive-pressure wave and a negative-vacuum wave, both of which seek to rejoin in order to achieve an equilibrium that matches the ambient environment.

Whenever you have polarities, you have a gradient for each polarity. This gradient can be thought of as having the greatest intensity on the outside of the wave where it is furthest from the ambient zero reference.

"Computers in the future may weigh no more than 1.5 tons."

— Popular Mechanics, 1949

Gravity decreases as you ascend from the Earth. In this case, it means it is strongest nearest the Earth. Therefore, you have a gradient that can be tapped to use the gravity increase over distance (height) to produce work.

Aether/ZPE, being omnipresent, also has densities that are gradients. The Casimir plates do not push together when even an inch apart, but, placed within 14 angstroms, the pushing of the ambient ZPE forces them together with a pressure of 10 tons per square metre, as earlier quoted.

Do not tons convert to pressure? Can we not take advantage of this pressure, as Maclay is attempting under the auspices of his US\$300,000 NASA grant?

There is a new science coming which will revolutionise the world in ways we cannot now imagine.

The Creation of Energy Error

This first issue deals with the commonly held consensus that we seek "something from nothing" and are attempting to create energy. The standard erroneous statement made by orthodox science goes back as far as Sir Isaac Newton, who once observed: "The seekers after perpetual motion are trying to get something from nothing."

To my view and in my communications with many others, nothing could be further from the truth. No one with whom I have communicated has ever suggested that energy was being created. Instead, many of us believe it is possible to extract energy from the repulsion/attraction of magnetism, from gravity and from the omnipresent aether/ZPE.

But let us not limit our seeking to just three sources, but expand it to include *any energy or force gradient*, knowing that the polarities, when placed in the proper arrangement, *must combine* to create the natural condition of equilibrium.

As the polarities move to recombine, we intend to guide them through the wheelwork of our machinery to do practical work. It also might be possible to tap into the force that causes the equilibrium disruption in the first place, since there is an expansion and a collapse cycle to any equilibrium disturbance.

Irreversible Entropy and Closed Systems

The two major errors made by modern science is sticking to the *belief* in the first and second "laws" of thermodynamics.

"The telephone has too many shortcomings to be seriously considered as a means of communication. The device is inherently of no value to us."

— Western Union memo, 1876

The first law states that the total energy, including heat, in a (closed) system is conserved. By "closed", we mean a system that is completely cut off or insulated from its surroundings, so that no material or energy enters or leaves.

The second law states that for a spontaneous process, there is a net increase in entropy. The second law is possibly the most misunderstood scientific principle. The two most obvious misuses are:

1. Perpetual motion machines;
2. The statement, "Evolution is impossible since entropy can't decrease".

With regard to point 1, there is no closed system possible with materials and forces currently available (at least publicly) that

can prevent the passage of aether/ZPE and *gravity* into the so-called "closed" system; *ergo*, additional forces from outside the box, and which pass into and through the box, are necessarily injecting extra energy *inside* the box, which can be intercepted and converted to add energy to the closed system.

Can anyone deny that gravity permeates the box? If it did not, the box would float off into space with nothing to hold it down. Would it not follow that an aether/ZPE would also permeate the closed system?

We must learn to *convert* or *translate* that additional energy (aether/ZPE, gravity, whatever) into a form that we can use, i.e.,

"Airplanes are interesting toys but of no military value."

— Marshal Ferdinand Foch
French Commander of Allied
Forces during the closing months
of World War I, 1918

mechanical, electrical, etc. This is what many so-called perpetual motion and free energy machines do, and many of us at KeelyNet are trying to replicate these for practical use worldwide.

With regard to point 2, under the second law, the claim states that there is *always* a net *increase* in entropy, which drags the system down into chaos and causes it eventually to stop; meaning that entropy is irreversible and there can be no restorative, rejuvenating force.

"The wireless music box has no imaginable commercial value. Who would pay for a message sent to nobody in particular?"

— David Sarnoff's associates,
responding to his urgings for
investment in radio in the 1920s

Under currently undefined conditions, it should be possible to adjust the performance characteristics of a system so that the operation involves the least possible

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resistance as well as takes advantage of the introduction (and conversion to other forms) of outside energy (as per "law" no. 1) in the form of gravity, aether/ZPE, etc.

To my view, it appears that everything keys into a wave or motion, where one half of that wave or motion is positive, under "pressure" and adds power, and the other side is negative, has "vacuum" and extracts power.

If the energy is already separated from the natural state of equilibrium, then most of our work is done. Why? Because it is the recombining of these polarities back to a state of equilibrium that will provide the

"Everything that can be invented has been invented."

— Charles H. Duell
Commissioner, US Office of
Patents, 1899

"work" we can use to carry out practical applications.

In the case of gravity, it already has a gradient and so is immensely available for tapping under the right configuration. In the case of aether/ZPE, which pops into and out of existence, we need to learn to detect its appearance and capture it. It might be possible to capture as the original unknown force that separates the vacuum in the first place, and with the collapse of the wave back to its state of equilibrium.

"Who the hell wants to hear actors talk?"

— Harry M. Warner
Warner Brothers, 1927

When you think about an expansion wave versus a collapsing wave, there might be properties quite opposite each other, and which deal with the claims of a "cold current"—where sparking wires produce frost, and circuits tapping this form of energy

produce cold in the local area. However, that is beyond the scope of this paper.

With aether/ZPE, it is a matter of rectification of the energy as it appears and begins to collapse. This can be tapped to produce mechanical or electrical forces, where the separated, polarised energies can be guided into a single form of either pure positive or pure negative. This is dealt with in my paper on Rectifying Chaos.

Conversion versus Creation

Now for the crux of all this verbiage: the contention that free energy enthusiasts claim to create something from nothing. That is an error. We are trying to *convert* gravity and other ambient forces into mechanical and/or electrical energy that can do work. It's not such a brain-stretcher. In fact, *we depend on conversion* from one form of energy to another in our everyday lives; for example:

- 1) we convert the motion of a magnetic field past a copper coil into electrical current;
- 2) we convert wind energy to electrical energy or mechanical force;

"The bomb will never go off, and I speak as an expert in explosives."

— Admiral William Leahy
US Atomic Energy Project, 1945

- 3) we convert water energy to electrical energy or mechanical force;

- 4) we convert geothermal energy to electrical energy or mechanical force;

- 5) we convert gasoline and other combustibles to explosive force or to heat or to light;

- 6) nature converts sunlight and heat into life itself with the right mix of nutrients.

None of these produces "something from nothing"; it is the *conversion* of something to something else, from one form of energy to another form of energy.

Is it so hard to comprehend the *conversion* of gravity, aether/ZPE or other gradients into other useful forces?

One bugaboo we face is proving the existence of aether/ZPE in a practical, reproducible and simple experiment that

anyone can do and will undeniably show the presence of aether/ZPE.

That does not apply to gravity, which one day we will learn to tap when we discover how to overbalance a wheel, as Johannes Bessler did, or when we learn to reduce the intensity of gravity under one half of a wheel so it will be continually overbalanced and "fall into itself".

There is no question that gravity is a force, and we do in fact tap it through the flow of water over a dam to produce mechanical power converted to electrical current in hydroelectric installations. The overbalancing principle used by Bessler and probably others is the key to the whole thing.

It is important to bear in mind that with an influx of energy, such as gravity, from space, there must be a gradient as it increases with proximity to the Earth. Where there is a gradient, there is a difference of potential. When there is a difference of potential, you have the natural flow of the two potentials trying to rejoin to re-establish equilibrium. In this case, it is the attraction of gravity towards the Earth. It is the force exerted by nature, in her attempt at regaining equilibrium, that we must learn to tap.

Since there is a natural overbalance due to the gradient, if we can lower the resistance of the recovery side of the circuit or design to a level less than the additional energy imparted from the pressurised side of the gradient, then we first achieve unity and then over-unity.

We have the Casimir effect to show the pressure of aether/ZPE to the tune of 10 tons per square metre—a tremendous

"We don't like their sound, and guitar music is on the way out."

— Decca Recording Co.
rejecting The Beatles, 1962

amount of energy that forces the dielectric plates together. This should be capable of "conversion" to produce work as practical applications.

Lambertson's WIN cell (at least the samples I saw) uses a rubbery insulator looking something like silicone caulk so that the plates slap together from the pressurised

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high side of the wave; then, when the vacuum-release side of the wave comes into play, the rubber pushes the plates apart to "recock" or "reload" it for the next pressure wave that again collapses it.

The machines that will present a problem requiring very-long-term monitoring and measurement are those like Bedini's and the Gray motor, which use very little electrical energy to get a large mechanical force, thus extending the life of the battery far longer than is normal.

John Bedini says he has machines in his basement that have been running for years on a single battery. He says that Bearden visited once and accidentally bumped into a battery which had been running a machine for years; the battery fell apart and was dried out inside, but the machine kept running. Ask him; he'll tell you that himself.

The bottom line is that the device must produce sufficient energy to recharge the driving circuit; otherwise, over a very long period of time, it will run down as it proves out to be an extended pendulum effect,

"The ordinary 'horseless carriage' is at present a luxury for the wealthy; and although its price will probably fall in the future, it will never come into as common use as the bicycle."

— The Literary Digest, 1889

where a clockspring, once wound, will eventually run down unless it can somehow rewind itself—something that every branch of physics says cannot happen due to the first and second laws.

In Bedini's case, as I understand it, the battery is recharged in a negentropic, negative resistance effect peculiar to his machines.

Research done by Prigogine and others in the fields of chaos theory, criticality, dissipative structures and self-organising fields is shedding light on how such processes work—research that I think will provide key design components when the first reproducible, self-running free energy circuit is publicly released and duplicated worldwide.

One final comment. Some think that simple experiments are wasted time, effort, money and resources. They take the approach that "it's all been done before" and so is well understood, therefore "don't bother doing experiments, don't tinker, don't try anything that hasn't been proved".

Other frequent comments... What good are "anomalies", tiny effects that have no possible use? What good is running a magnet past a wire, because it only produces a tiny current? Has that not been scaled up with bigger magnets and more coils to pro-

"Landing and moving around on the Moon offer so many serious problems for human beings that it may take science another 200 years to lick them."

— Science Digest, August 1948

duce massive electrical power? What good is burning a few drops of gasoline or oil, only useful for lighting? Has that kind of thinking not been disproved by exploding the expanded gas or oil in a closed cylinder to transport our nation?

There are, of course, many more obvious "anomalies" that have changed the world, conceived by perceptive people willing to

***"X rays are a hoax."
"Aircraft flight is impossible."
"Radio has no future."***

— Lord Kelvin
physicist and mathematician
(1824–1907)

experiment, share and expand on what has been found.

Many of our most useful processes resulted from these simple, useless anomalies. For that reason, KeelyNet has always urged people to experiment wherever possible, even repeating supposedly "known"

"[It] is, of course, altogether valueless... Ours has been the first, and will doubtless be the last, party of whites to visit this profitless locality."

— Lt Joseph D. Ives, Corps of
Topographical Engineers, 1861,
on the Grand Canyon

experiments with the possibility that you might experience something that no one else has noticed; or you might build your own version of a "known" experiment that could well produce an interesting anomaly, which could be scaled up for the next big discovery. If nothing else, you are building up your equipment, skills and understanding that will help you with future projects and experiments.

So before you write an email criticising free energy seekers, you might also write to the providers and users of windpower, solar power, hydroelectric and geothermal power as well as anyone who drives a car, mows a lawn or runs a magnet past a coil to produce electrical current, since they are producing energy from nothing and need to be corrected with your "laws".

About the Author:

Jerry Decker is an avid alternative science networker and the founder and owner of KeelyNet. He has a 22-year background in professional electronics, specialising in technical support and machine maintenance.

A firm believer that information must be freely shared, particularly about free energy and gravity control technologies, Jerry has kept KeelyNet focused since its inception as a bulletin board in 1988.

The goal of KeelyNet was, is and remains quite simple: to assist, inspire and catalyse working alternative science technologies that everyone can duplicate, verify and put into practical use to benefit our world.

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